

GAMMA VOLTAGE GENERATOR AND METHOD THEREOF FOR GENERATING INDIVIDUALLY TUNABLE GAMMA VOLTAGES

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ABSTRACT OF THE DISCLOSURE

10 In a gamma voltage generator and gamma voltage
generating method that can tune the gamma voltages individually,
several gamma currents of a same magnitude are generated for each
to flow through a variable resistive element to generate a variable
common voltage and several variable voltages, from which a common
15 gamma voltage and several first gamma voltages are generated. By
use of the symmetric property of the gamma curve corresponding to
those gamma voltages to be generated, several voltages are generated
by mapping the first gamma voltages with the common gamma
voltage as the center axis, and from which several second gamma
20 voltages are derived. The common gamma voltage and the first and
second gamma voltages are provided for those gamma voltages
corresponding to the gamma curve.